

LISTING OF CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) An access network controller, comprising:
a processor;
communication circuitry within the access network controller;
a memory for storing computer instructions that define a profile information for at least one hybrid mobile station (HMS) and that define an operational logic relating to a response of the access network controller to a received pseudo-page signal and that define profile information that specify that the access network controller is to generate a response to a base station to advise it that the HMS has been paged and is being redirected to receive pages from the voice network; and
a network port for enabling the access network controller to communicate with external systems.
2. (Canceled)
3. (Previously Presented) The access network controller of claim 2 wherein the computer instructions that define the profile information specify that the access network controller is to generate a response to a base station to advise it that the HMS is unavailable.
4. (Canceled)
5. (Previously Presented) The access network controller of claim 2 wherein the computer instructions that define the profile information specify that the access network controller is to generate a response to a base station to advise it that the HMS is present but not available for a voice call.

6. (Previously Presented) The access network controller of claim 1 wherein the memory further includes computer instructions that define an operational logic for forwarding a voice call to an Internet Call Delivery Server.

7. (Previously Presented) The access network controller of claim 1 wherein the memory further includes computer instructions that define an operational logic for forwarding a voice call to an Internet Call-Waiting Server.

8. (Currently Amended) A method in a communication network, comprising:
receiving a pseudo-page signal transmitted by a base station in a specified interface signal between the base station and an access network controller; and
generating, from the access network controller, a response to a base station to advise it that a HMS has been paged and is being redirected to receive pages from the voice network.
~~generating a corresponding response.~~

9. (Currently Amended) The method of claim 8 ~~wherein the corresponding response further including includes~~ commanding a hybrid mobile station to redirect and to suspend a data call so that it may receive and respond to paging signals transmitted by a base station.

10. (Original) The method of claim 9 wherein the response includes waiting long enough to enable the hybrid mobile station to switch from the data network to the voice network and then advising the base station that the hybrid mobile station is presently available.

11. (Original) The method of claim 8 wherein the response includes forwarding the voice call to an Internet Call-Waiting Server.

12. (Original) The method of claim 8 wherein the response includes advising the base station that the hybrid mobile station is not present.

13. (Original) The method of claim 8 wherein the response includes advising the base station that the hybrid mobile station is present but not available.

14. (Original) The method of claim 8 wherein the response includes advising the base station that the hybrid mobile station is present and available.

15. – 20. (Canceled)

21. (New) An access network controller, comprising:

a processor;

communication circuitry within the access network controller;

a memory for storing computer instructions that define a profile information for at least one hybrid mobile station (HMS) and that define operational logic relating to a response of the access network controller to a received pseudo-page and that define an operational logic for forwarding a voice call to one of an Internet Call Delivery Server or to an Internet Call-Waiting Server; and

a network port for enabling the access network controller to communicate with external systems.

22. (New) The access network controller of claim 21 wherein the computer instructions that define the profile information specify that the access network controller is to generate a response to a base station to advise it that the HMS is unavailable.

23. (New) The access network controller of claim 22 wherein the computer instructions that define the profile information specify that the access network controller is to generate a response to a base station to advise it that the HMS is present but not available for a voice call.